

Telecom R83

Mobile Phone User Manual

LEGAL INFORMATION

Copyright © 2013 ZTE CORPORATION.


All rights reserved.

No part of this publication may be quoted, reproduced, translated or used in any form or by any means, electronic or mechanical, including photocopying and microfilm, without the prior written permission of ZTE Corporation.

ZTE Corporation reserves the right to make modifications on print errors or update specifications in this guide without prior notice.

The *Bluetooth*® trademark and logos are owned by the Bluetooth SIG, Inc. and any use of such trademarks by ZTE Corporation is under license. Other trademarks and trade names are the property of their respective owners.

This product supports expandable memory up to 32GB microSD(HC) card as an optional accessory. External memory card is not included in the box.

The microSD logo  is a trademark of the SD Card Association.

Ver. 1.5 August 2013

This product is user-upgradeable. Please check for updates at zte.co.nz or use the built in System Updates app.

In the event of a device lock up press and hold the power key for 10 seconds to restart your device.

Contents

Device Overview	5
The Home Screen	14
Customise your device with Settings	15
Making Calls	31
Messaging	38
People	53
Using the Drive Mode App	60
Accounts	60
Email	62
Gmail™	66
Calendar	70
Google Talk	72
Google+	75
Using the Chrome Browser.....	77
Google Location Services.....	79
Using the Camera	83
Gallery.....	87
Music.....	90

Google ‘Play Music’	92
FM Radio.....	94
Other Apps	96
Settings Summary	102
Troubleshooting.....	104
General Safety Warnings.....	107
Technical Specifications	116



IMPORTANT NOTICE – LIQUID AND DUST PROTECTION

Your device is waterproof to 1m depth but should never be deliberately immersed in any liquid.

Always close the port covers after use to maintain protection against liquid and dust.

Close the port covers by pressing the cover firmly into the case and sliding back and forth to fully seal.

The headphone socket is protected against liquid ingress, if you get water inside the headphone port, please invert the device to drain the liquid. Do not leave liquid inside the socket.





The battery is sealed and is not user replaceable.

See your warranty card for full warranty terms and conditions.




Device Overview



Key Functions

Key	Function
Power Key	Press to wake up your phone Press and hold to select Silent, Vibrate or Flight mode, to Restart your device or power on & off Press to switch your phone to Sleep mode.
Back 	Touch to go to the previous screen Touch to exit applications
Home 	Touch to return to the Home Screen Press and hold to view recent apps
Options 	Touch for current Options menu
Apps 	View all your system apps
Volume Keys	Press or hold to turn the volume up or down. Can be used to take photos in camera mode.

Status LED Indicator

Red 	Less than 10% charge
Orange 	Between 10 – 70%
Green 	More than 70% charge
LED Flashing	Message or Missed Call Notification

Insert the SIM Card and microSD Card*

1. Locate and open the SIM port on the left hand side of the phone.



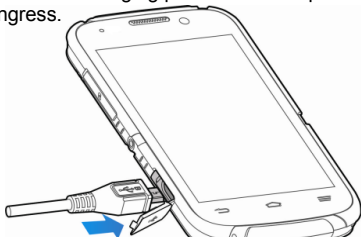
2. Hold the SIM card with the gold contacts facing down and the cut corner facing the top of the phone as shown and slide it into the card holder. Press it home so it clicks into place.
3. If you wish to increase the memory capacity insert a microSD card (*optional) up to 32GB with the metal contacts facing down as shown above. Push it fully home until it clicks into place. The microSD card is not included in the box.
4. Remember to always close the port covers after use.

Charging the Battery

The back cover is sealed and the battery is not user replaceable. Do not attempt to open the back cover which will void your warranty.



To charge the battery:

1. Insert the charger lead carefully. Ensure that the plug is inserted with the correct orientation. Do not force the connector into the charger jack.
2. Connect the charger to a standard AC wall outlet.
3. Disconnect the charger when the battery is fully charged.
4. Remember to close the charging port to maintain protection against liquid ingress.



How much charge have you got?

If the battery is low, there will be a pop-up message on the screen. As you charge your phone, the lock screen will tell you the battery level each time you wake up your phone.

If the phone is on, you'll see the charging icon   on the status bar.

Battery and Charging Tips

- Only use the AC charger and USB lead supplied. Insert the charger lead carefully.
- Be careful to avoid tripping over or pulling on the lead whilst it is plugged in.
- Physical damage to the charging port is NOT covered by warranty.
- The phone can also be charged by connecting it to a computer using the USB lead supplied.
- Avoid high temperatures and direct sunlight. The battery will not charge above 45°C
- Do not leave the battery in a discharged state. Charge the battery promptly when flat.
- Keep your handset cool. High temperatures degrade the battery more quickly.
- Normal charge time is 3-4 hours. Do not leave on charge for more than 24hrs.
- After 2-3 charge/discharge cycles the battery life will improve. From then on use top up charging to recharge frequently and always charge promptly when flat.
- When not using the phone for long periods switch off and store in a cool place.
- With poor network conditions (less than 2 bars) battery life is reduced, turn off Bluetooth and Wi-Fi when not in use to extend battery life.

External Antenna Port

Your device provides an external RF antenna port for connecting to approved devices. Using an external antenna can enhance your coverage, provide better quality service and higher data rates in marginal signal areas.



- Only use approved connectors suitable for ZTE devices.
- Always insert and remove the RF connector carefully.
- Do not pull or trip on the RF lead whilst it is plugged in.
- Damage to the RF port will make your device unusable and is not covered by the manufacturer's warranty.
- Remember to close the port cover after use.

Powering On/Off

- Press and hold the **Power Key** to turn on your phone.
- To turn it off, press and hold the **Power Key** to open the options menu. Touch **Power off** and then touch **OK**.

TIP If you see FTM during power up this indicates Factory Test Mode and is initiated by holding the Volume Down key during power on. Press the Power key for 3 seconds to exit FTM mode.

Setting Up for the First Time

When you first power on your phone or after a factory reset (see *Settings – Backup and Reset*), you need to enter some settings before use.

1. The default language is English (New Zealand) touch to change if required or touch **Start**.
2. Select **Yes** if you have a Google account or **No** to skip.
3. Configure the Google location options and touch **Next**.
4. You will be prompted to accept the terms of Google service. Touch **Next** to continue.
5. Set your Location preferences
6. Enter a preferred user name if required
7. Touch **Finish** to complete the setup.
8. Further assistance is given in the form of pop ups describing how to use various features. Press OK to clear these notices.

Using the Touch Screen

Your phone's touch screen lets you control actions through a variety of touch gestures.

- Touch

When you want to type using the onscreen keyboard, select items, or press onscreen buttons, simply touch them with your finger.

- Press and Hold (long press)

To open the available options for an item (for example, a message or link in a Web page), press and hold the item.

- Swipe or Slide

To swipe or slide means to quickly drag your finger vertically or horizontally across the screen.

- Drag

To drag, press and hold your finger with some pressure before you start to move your finger. While dragging, do not release your finger until you have reached the target position.

- Pinch

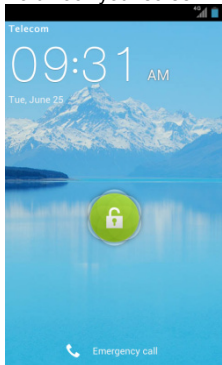
In some apps (such as Maps, Chrome, and Gallery), you can zoom in and out by placing two fingers on the screen at once and pinching them together (to zoom out) or spreading them apart (to zoom in).

- Rotate the phone to change from portrait to landscape.

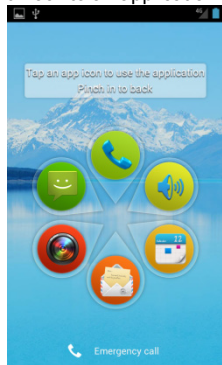
Locking/Unlocking your phone

Press the **Power Key** to turn the screen on or off and to lock and unlock the device. The default screen lock is set to Long Press. Press and hold the padlock icon to unlock your device. Swipe the padlock icon to unlock your device directly to your chosen application (eg Phone, Messages, Camera, Calendar etc).

Long Press the Padlock
To unlock your screen:



Swipe the padlock to
unlock to an application:




To save battery power, the phone automatically turns off the screen after a certain period of time when you leave it idle. Review this setting at [Settings – Display – Sleep](#).

The Home Screen

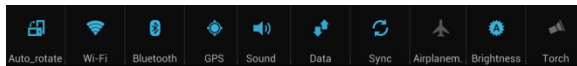
The home screen is the starting point for applications, functions, and menus. You can customize your home screen by adding application icons, shortcuts, folders, widgets, and more. Swipe the screen left or right to display additional screens.



Customise your device with Settings

Use the Settings menu to set up your device exactly as you like it. The quickest way to access the Settings menu is to swipe down on the home screen and touch the Settings icon . You can also access from Apps > Settings. Swipe down from the top of the screen to access the Quick Settings panel.

Quick Settings Panel




Swipe down from the top of the screen and use the Quick Settings panel to quickly switch functions on and off. Blue is active, grey is switched off.

Change Ringtones and Notifications

Ringtone sets the incoming call sound and Notifications are used for incoming SMS, MMS, Email and other information updates.

1. Touch **Home > Apps > Settings > Sound**
2. Touch **Phone ringtone** or **Default notification**
3. Touch the available tones and press **OK** to choose, or **Cancel** to exit.




TIP: To set a personalised ringtone for a caller, go to the **People** app, select the contact, touch **Options**  > **Set ringtone**. The contact must be stored on the handset to use this feature.

Adjusting Volumes

1. Touch **Home > Apps > Settings > Sound > Volumes**
2. Set the volume for music, video, games & other media or the ringtone and notification volume independently.
3. Touch **OK** to save.

TIP: When the handset is idle, touch the volume keys to adjust the ring volume. When playing any media press the volume keys to adjust the media volume.

Enable Silent or Vibrate mode in the following ways:

- Press and hold the **Power Key** and then touch  to enable silent mode, touch  to enable vibrate mode, or touch  to disable silent mode.
- With no media application running press the volume keys to control the ring volume.
- Touch **Home > Apps > Settings > Sound > Silent mode**, and touch **Off**, **Vibrate** or **Mute**. Also enable Vibrate when ringing from this menu.

Changing the System Language

1. Touch **Home > Apps > Settings > Language & input > Language**.
2. Select your chosen language.

Setting the Date and Time

1. Touch **Home > Apps > Settings > Date & time**.
2. Clear the **Automatic date & time** and **Automatic time zone** check boxes to manually set the date, time and time zone
3. Set the date, time, time zone, and date/time format.

Change your background Wallpaper

1. Touch **Home** to return to your home screen
2. Press and hold on the home screen (long press)
3. Select home or lock screen.
4. Select from Gallery, Live Wallpapers, or Wallpapers and choose the image or animation you want to use. Some cropping may be needed for Gallery images.
5. Touch Done at the top of the screen (for Gallery images) or Set wallpaper for other images.

Changing Screen Brightness

1. Touch **Home > Apps > Settings > Display > Brightness**
2. Uncheck the Automatic brightness box to set the brightness manually, otherwise it is automatically adjusted to background conditions by a sensor at the top of the phone.
3. Touch OK.

TIP The automatic brightness sensor is on the left side of the earpiece. If this sensor is blocked (eg by a case or sticker) then the screen brightness will always be low. Make sure this sensor area is kept clear.

Protect Your Phone With Screen Locks

You can change the default (long press) screen lock to a variety of alternate screen locks. The phone supports face recognition, pattern lock, a numeric PIN or a password.

1. Touch **Home > Apps > Settings > Security**.
2. Touch Screen lock.
3. Select from Long Press, Face Unlock, Pattern, PIN or Password.
 - If you touch **Pattern** a short tutorial about creating an unlock pattern appears. Follow the prompts to draw and confirm your pattern.
 - If you touch PIN or Password, you're prompted to set a numeric PIN or a password to unlock your screen.
 - If you select Face Unlock you are guided through the face recognition application to lock and unlock your handset.

The next time you turn on your phone or wake up the screen, your chosen screen lock method will be activated.

IMPORTANT: Screen lock options are listed in the approximate order of the strength of their security, starting with **None** and **Long Press**, which provide no security.

If you forget your unlock pattern, PIN or password and have NOT set a Google account you will need to hard reset your device which will erase all user data and apps stored on your handset. From the locked screen, touch Emergency call, enter the code *983*987# and follow the instructions.

Protect Your Phone With Encryption

After encryption is applied you need to enter a numeric PIN or password each time you power on your phone and without the password the data is encrypted so cannot be read by anyone else.

WARNING! Encryption is irreversible. The only way to revert to an unencrypted phone is to perform a factory data reset, which erases all your data.

Encryption provides additional protection in case your phone is stolen, and may be required in some organisations.

Before turning on encryption, prepare as follows:

1. Set a lock screen PIN or password.
2. Connect your phone to the charger to charge your battery.
3. The encryption process may take up to one hour. If you interrupt the process you may lose data or your phone can end up in an unusable state.

When you're ready to proceed:

4. Touch **Home > Apps > Settings > Security > Encrypt phone**.
5. Read the instructions encryption carefully.

The **Encrypt phone** button is not available if the battery is not sufficiently charged or your phone is not plugged in.

If you are unsure about proceeding then touch the **Back Key**.

6. Touch **Encrypt phone**.
7. Enter your lock screen PIN or password and touch **Next**.
8. Touch **Encrypt phone** again.



























The encryption process starts and displays its progress, the phone may restart several times.

When encryption is complete, you are prompted to enter your PIN or password.

Subsequently, you must enter your PIN or password each time you power on your phone, to decrypt it.

Monitor the Phone Status






















The status bar at the top of the home screen provides phone and service status information on the right side. You can monitor the phone status by checking the following status icons.

	GPRS network		No Network signal
	EDGE network		Signal strength (no data)
	3G network		Signal strength (data ready)
	4G LTE network		Mobile data in use
	HSDPA network		Wi-Fi on but not connected
	Flight mode		Wi-Fi connected, no data
	Updates available		Wi-Fi with internet access
	Battery flat		Wi-Fi data in use
	Battery low		Ringer off
	Battery partially drained		Muted (microphone off)
	Battery full		Vibrate mode
	Battery charging		Speaker on
	Bluetooth on		Wired headset connected

Manage Notifications


Notification Icons

The status bar at the top of the home screen provides notification alerts on the left. You can view the following notification icons.

	New SMS		microSD card not mounted
	New MMS		microSD card removed
	New Email		Upcoming event
	New Gmail message		Call on hold
	New Google Talk message		New Wi-Fi network detected
	Problem with SMS/MMS delivery		Downloading data
	Missed call		Sending data
	Call in progress		USB tethering is on
	USB connected		Portable Wi-Fi hotspot or Wi-Fi direct is on
	Song is playing		GPS is on
			Bluetooth is on


Open/Close the Notifications Panel

Notifications report the arrival of new messages, calendar events, and alarms, as well as ongoing events, such as when you've configured your phone as a Wi-Fi hotspot. You can open the notifications panel to view the details of notifications.

- To open the notifications panel, swipe your finger down from the top of the screen.
- **TIP:** In the notifications panel, touch  at the top of the screen as a shortcut to the system **Settings** menu.
- To close the notification panel, swipe your finger up from the bottom of the screen or touch the **Back Key**.


Respond to or Remove a Notification

In the notification panel, you can respond to a notification or remove the notifications.

- To respond to a notification, just touch it.
- To remove a notification, swipe it sideways.
- To remove all notifications, touch  in the top right corner.
- Most apps that send notifications, such as Gmail and Google Talk, have notification settings that you can adjust.

Managing Shortcuts and Widgets

Add Shortcuts and Widgets

1. Touch **Home Key** >  > Select the **Widgets** tab at the top of the screen.
2. Swipe right to view all available widgets
3. Press and hold a widget or shortcut and drag it to your chosen Home Screen.


Example to add a Direct Dial icon

Follow steps 1 and 2 above and select Direct Dial. Add your favourite contact to the Direct Dial widget and now you have a shortcut on your home screen to dial that favourite contact.

Move Shortcuts or Widgets

1. Press and hold a widget or shortcut on the screen.
2. Drag it to your chosen location.

Remove Shortcuts or Widgets

1. Press and hold a widget or shortcut on the Home Screen.
2. Drag it to  **Remove** to remove it.

Rearrange the Favourites Tray

The Home Screen includes a customisable favourites tray visible from all extended Home Screens. You can drag apps, shortcuts, folders, and other priority items in or out of the favourites tray for instant access from any Home Screen.



To remove items from the favourites tray:

Press and hold an item in the favourites tray and drag it out of the tray.

To add items to the favourites tray:

Press and hold an item and drag it onto the favourites tray.

If the favourites tray is full, you need to remove an item in the tray.

Entering Text









The onscreen keyboard will pop up whenever you need to enter text. Just tap in any text entry box to open the keyboard. Some apps open it automatically. Touch the **Back Key** to hide the onscreen keyboard if required.



Go to **Settings > Language & input > Default** to change the default keyboard if required.

Android Keyboard

The Android Keyboard provides a layout similar to a desktop computer keyboard. Turn the phone sideways and the keyboard will change from portrait to landscape. The landscape keyboard is not supported in all applications.



- Touch the alphabet keys to enter letters. Press and hold specific keys to enter associated accented letters or numbers. For example, to enter È, press and hold **E** then slide to choose È.
- Touch  once to change to upper case . Double-tap  for caps-lock .
- Touch  to delete the text before the cursor.
- Touch  and  to select numbers and symbols.
- Press and hold the full stop to access common punctuation.
- Press and hold  and then swipe to choose emoticons.

- Touch  to use Google's networked voice to text.
- Press and hold  to change the input languages or set up the Android keyboard.
- In the Android keyboard you can press and hold the Space Bar to select alternate input methods.

Change to the TouchPal Keyboard

From any text entry mode pull down the Notifications bar and touch 'Choose input method'. You can also go to Apps > Settings > Language & input > Default.


The TouchPal keyboard offers three layouts which you can swipe between to select **Full QWERTY**, **12-Key PhonePad** and **CooTek T+**. You can also use TouchPal Curve™ to trace each word in one gesture where you move your finger from letter to letter without lifting until you reach the end of the word.

ToucPal QWERTY Keyboard




TouchPal 12-Key PhonePad




- Touch a key repeatedly until the desired letter or symbol appears. If word prediction is enabled (), just touch the keys once and choose the right word.

TouchPal CooTek T+

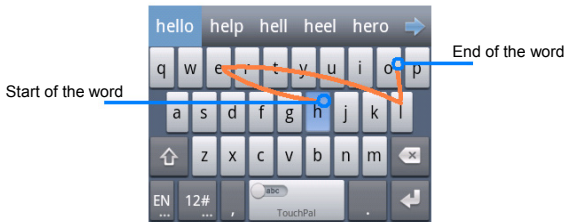


- Touch to enter the left letter on the key; Double-tap or flick right to enter the right letter/symbol on the key. If word prediction is enabled (), just touch the keys and choose the right word.

TouchPal Curve:

1. In the TouchPal keyboard screen, touch  and tick the **Curve** check box, and then touch **Close**.
2. Move your finger from letter to letter on the keyboard to trace a word.
3. Lift your finger at the end of the word. A space is added automatically when you begin to trace the next word.

NOTE: TouchPal Curve is only available in the **Full QWERTY** layout.



Editing Text

- **Move the insertion point:** Touch where you want to type.

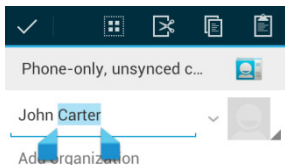
The cursor blinks in the new position, and a tab appears below it. Drag the tab to move the cursor.

- **Select text:** Press and hold or double-tap within the text.




The nearest word highlights, with a tab at each end of the selection. Drag the tabs to change the selection.

- **Cut, copy, paste:** Select the text you want to manipulate.

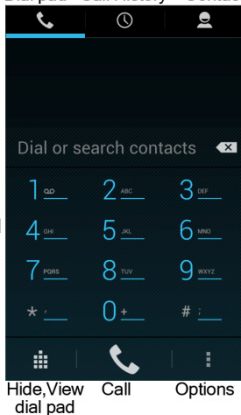
Then touch the Cut , Copy , or Paste  button.



Making Calls

1. Touch **Home** > 
2. If the numbers are not visible touch the phone icon at the top or swipe the screen to move between the tabs.
3. Enter digits on the dial pad. The phone displays best matches for existing contacts. Touch  to delete wrong digits.
4. Press Options to add a 2 second Pause or a Wait
5. Press and hold the 0 key to enter the plus (+) symbol for international dialling.
6. Touch the Call icon  to make the call.
7. During a call touch the dial pad icon to enter numbers if required.

Dial pad Call History Contacts





TIP: Whenever you see a phone number or handset icon, touch it to make a call.



End a Call



During a call, touch  on the screen.

Incoming Calls

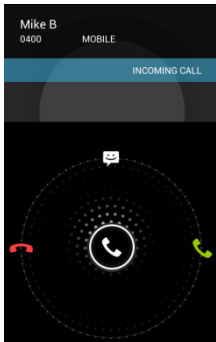
Drag the handset icon  to  to answer the call.

Press the volume keys to mute the incoming ring.




Drag the handset icon  to  to reject the call.

Drag the handset icon  to  to reject the call and send a preset text message to the caller.




TIP: The default text responses can be edited at **Dialler > Options > Settings > Quick responses**.








Make a Call from Call History

1. Touch **Home** >  >  for call history.
2. Touch the call record for more details, touch  to call.



Create a Contact from Call History

1. Touch **Home** >  >  for call history.
2. Touch the call record for more details, touch  to add to Contacts
3. Touch an existing contact to modify or Create New Contact to save to a new entry.



Other Actions in Call History


1. Touch **Home** >  >  for call history.
2. Touch the call record for more details:
 - Touch the number to call it
 - Touch  to send a message
 - Touch  to view contact details
 - Touch  to add the number as a contact

Delete Call History Records

1. Touch **Home** >  then select the  tab.
2. Touch **Options** > **Clear call log**
3. Touch **OK** to delete all call logs.
4. To remove an individual number, touch the call record then touch **Options** > **Remove from call log**.



Calling from the Dailer Contacts Tab

1. Touch **Home** >  then touch the Contacts tab .
2. Flick the screen up or down to view all your contacts with phone numbers.

TIPS: Search for a contact by touching  on the bottom of the screen or use the blue scroll bar to flick through A-Z.







3. Touch a contact or number to call it.

Call a Favourite Contact

1. Touch **Home** >  and then touch the Contact tab .
2. Your favourite and frequently called contacts or numbers are listed at the top of the screen. Touch a contact or number to call it.

Options During a Call

During a call, you will see a number of onscreen options. Touch an option to select it.

- Touch  to turn on or off the speaker.
- Touch  to mute or unmute your microphone.
- Touch  to make a new call, the first call is put on hold.
- Touch  to switch to the dialer, eg to send keytones.
- Touch  to merge separate calls into a conference call.
- Touch  to end the current call.



Managing Multi-party Calls

When call waiting and three-way call features are available, you can switch between two calls or set up a conference call.

Switch Between Current Calls

When you're on a call, your phone screen informs you that another call is coming in and displays the caller ID.

To respond to an incoming call while you're on a call:




Drag  over  to answer the call. (This puts the first caller on hold and answers the second call.)

To switch between two calls:

Touch **Options > Swap** or touch the switch calls icon

Set Up a Conference Call

With this feature, you can talk to two people at the same time.


1. On the dialer screen, enter a number and touch .
2. Once you have established the connection, touch  and dial the second number. (The first call is put on hold)
3. When you're connected to the second party, touch .

If the other party hangs up, you and the remaining caller stay connected. If you initiated the call and hang up, all callers are disconnected.

To end the conference call, touch .


Use Fixed Dialling Numbers

Fixed Dialling Numbers (FDN) allows you to restrict outgoing calls to a limited set of phone numbers. This feature requires carrier support and the PIN2 code.

1. Touch **Home** >  > **Options** > **Settings** > **Fixed Dialling Numbers**.
2. The following options are available:
 - **Enable FDN:** Input the PIN2 code to enable.
 - **Change PIN2:** Change the PIN2 code for FDN access.
 - **FDN list:** Manage the FDN list.


NOTE: Entering an incorrect PIN2 code more times than allowed can cause the phone to lock. Contact your service provider for assistance.

Set Voicemail

1. Touch **Home** >  > **Options** > **Settings** > **Voicemail**
2. The default Voicemail service is configured for your carrier.
3. Touch **Setup** to edit the voicemail number if necessary.

Set DTMF Tones

Dual-tone multi-frequency (DTMF) tones are used in internet banking and other phone operations. If keytones are not recognised by the far end application then set to Long.


1. Touch **Home** >  > **Options** > **Settings** > **DTMF Tones**
2. Touch **Normal** or **Long**

Using Speed Dial

Press and hold the 1 ~ 9 keys from the dialer to call the corresponding speed dial number.


Key 1 is programmed for your voicemail and key 3 is programmed for international message bank. Key 3 can be changed if required.

To assign a speed dial key:

1. Touch **Home** >  > **Options** > **Settings** > **Speed dial**
2. Touch a speed dial key.
3. Enter a phone number or touch the Contacts icon
4. Touch **OK**.


Call Barring

Call barring feature allows you to forbid certain types of calls from your phone. This feature requires carrier support.


1. Touch **Home** >  > **Options** > **Settings** > **Call Barring Settings**.
2. Set the restriction of specific types of calls from your phone.

Call Forwarding

Call forwarding allows you to forward incoming calls to another phone number or to your voicemail service.


1. Touch **Home** >  > **Options** > **Settings** > **Call forwarding**
2. Touch the available options (**Always forward**, **Forward when busy**, **Forward when unanswered**, or **Forward when unreachable**) to configure.




Caller ID and Call Waiting

1. Touch **Home** >  > **Options** > **Settings** > **Additional settings**
2. **Caller ID** determines if your number is displayed to other parties.
3. **Call waiting** notifies you of incoming calls during a call and is enabled by default.



Messaging

You can use **Messaging** to exchange text messages(SMS) and multimedia messages (MMS).

Touch  from the Home Screen

- Touch  to write a new text message.
- Touch  to search your messages
- Touch an existing message thread to open the conversation.
- Touch the mic icon  to use Google voice to text.

Send a Message




1. On the **Messaging** screen, touch  at the bottom.
2. Touch the **To** field, and enter the recipient's number or, if the recipient is stored in **People** as a contact, the first letters of the recipient's name. As matching contacts appear, you can touch a suggested recipient.
3. Touch the **Type message** field to enter your text message.
4. Touch the paper clip icon  to add attachments:

Pictures	Select a picture to add to your message
Capture picture	Take a photo and add to your message
Videos	Select a video clip to attach to your message
Capture video	Shoot a video clip and add to your message
Audio	Select an audio file to add to your message
Record audio	Record an audio file and add to your message
Slideshow	Edit a slideshow and add to your message
Files	Access files from the external memory card if fitted.
Insert contact	Select a contact to add to your message as an attachment



5. Touch  to Send.

Reply to a Message

Messages you receive are appended to existing threads from the same number or sender. If the new message comes from a new number, a new thread is created.

1. Touch  from the Home Screen, touch the thread that you want to reply to.
2. Type your reply in the text box. Touch the attach icon  to send an MMS.
3. Touch  to Send.

Forward a Message


1. Touch  from the Home Screen, touch the thread that you want to forward
2. Press and hold the message
3. Touch **Forward** in the menu that opens
4. Enter a recipient for the message and edit the content if required
5. Touch  to Send.

Viewing Details About a Message

1. Press and hold a message in a thread.
2. Touch **View details** to see information about the message, such as message type, sender, recipient, or date.

Delete Messages or Threads

To delete messages in a thread:

1. Touch  from the Home Screen
2. Press and hold the thread to delete the whole thread
3. Touch a message, press and hold on the message to delete an individual message
4. Press OK to confirm.

Change Message Settings

Touch **Options > Settings** in the **Messaging** screen to change **Messaging** settings.

Connect to a Wi-Fi network

1. Touch **Home > Apps > Settings > Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **ON** position to turn on Wi-Fi.
3. Touch Wi-Fi to view available networks. Previously connected networks will connect automatically.
4. Touch a network name to connect to it, enter the password to connect.

Get Notified of Open Networks

1. Touch **Home > Apps > Settings > Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **ON** position.
3. Touch **Options > Advanced > Tick the Network notification** check box.

When Wi-Fi is on, you receive notifications in the Status bar when your phone detects an open Wi-Fi network. Clear the check box to turn off notifications.

Add a hidden Wi-Fi Network

You can add a Wi-Fi network manually if the network does not broadcast its name (SSID), or to add a Wi-Fi network when you are out of range.

To connect to a secured network, you first need to get the security details from the network's administrator.

1. Touch **Home > Apps > Settings > Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **ON** position, touch **Wi-Fi**
3. Touch **+** to add a new network.

4. Enter the network SSID (name). If necessary, enter security or other network configuration details.
5. Touch **Done** when finished.

Forget a Wi-Fi Network

To delete a Wi-Fi network that you no longer use or if you don't want to connect to it automatically:

1. Touch **Home > Apps > Settings > Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **ON** position, touch **Wi-Fi**
3. Touch the Wi-Fi network name and then touch **Forget**.

Using Wi-Fi Direct

Wi-Fi Direct allows Wi-Fi devices to connect to each other without the need for wireless access points (hotspots).

NOTE: Activating this feature will disconnect your current Wi-Fi network connection.


Connect to a Wi-Fi Direct Device

1. Touch **Home > Apps > Settings > Wi-Fi > Options > Wi-Fi direct**.
2. Your phone will search for other Wi-Fi direct devices.
3. Touch a device name to begin the connection process.
NOTE: The target device must also have Wi-Fi Direct service activated and running before it can be detected by your phone.
4. Touch **Connect**.

The other device will receive a Wi-Fi Direct connection prompt and need to accept the request for connection.

5. Once connected the device is displayed as “Connected” in the Wi-Fi Direct devices list.
6. Wi-Fi Direct requires other compatible applications and devices to use the feature.

Using Apps

1. Touch **Home** >  to open the **Apps**
2. Slide left or right on the screen and touch an app to open it.

When you run an application, if you press the Home key and start another app, the original app is still open in the background.

1. Press and hold the Home key to view the recent apps.
2. Scroll up and down and touch the required app to return to it.
3. Tip: Go to **Apps** > **Task Manager** to close any unwanted apps, or remember to use the Back key to close it.

Change Network Settings

Your device is pre-configured to connect to your carrier’s network. Do not change network settings unless instructed by your carrier.

1. Touch **Home** > **Apps** > **Settings** > **Mobile networks** > **Network operators**
2. Touch **Search networks** to search manually
3. Touch a network in the network list to register, touch **Select automatically** to connect automatically to your carrier.

Control Mobile Data Use

To enable or disable data access:

1. Touch **Home > Apps > Settings > Mobile networks**
2. Touch the **Data enabled** check box to enable or disable data access over the mobile network.

To enable data services when roaming:

1. Touch **Home > Apps > Settings > Mobile networks**
2. Tick the **Data roaming** check box.

IMPORTANT: Data roaming may incur significant charges.

Use 2G Network Only to Save Power

1. Touch **Home > Apps > Settings > Mobile networks**.
2. Tick the **Use only 2G networks** check box to save battery power, data services will be limited.

Set Access Point Names

APN settings control Internet and MMS access and are pre-set for your carrier. Contact your service provider to get the APN details.

1. Touch **Home > Apps > Settings > Mobile networks > Access Point Names**.
2. Touch **Options > New APN**.
3. Configure as specified by your service provider.
4. Touch **Options > Save** to complete.

TIP: To restore your original APN settings touch **Options > Reset to default**.

Using Bluetooth

Bluetooth® is a short-range wireless communication technology. Phones or other devices with Bluetooth capabilities can exchange information wirelessly within a distance of about 10 meters. The Bluetooth devices must be paired before the communication is performed.

Turning Bluetooth On/Off

1. Touch **Home > Apps > Settings > Bluetooth**.
2. Slide the **Bluetooth** switch to the **ON** or **OFF** position.

When Bluetooth is on, the  icon will appear in the Status bar.

Making Your Phone Visible

In order to work with other phones or devices that have Bluetooth, you need to make your phone 'visible' to them.

1. Touch **Home > Apps > Settings > Bluetooth**.
2. Slide the **Bluetooth** switch **ON**, touch **Bluetooth**
3. Touch your device name on the top of the screen to make your phone visible or invisible.

TIP: Touch **Options > Visibility timeout** to set the Bluetooth visibility timeout.

Change the Device Name

When your phone is visible it will broadcast the name shown at the top of the Bluetooth screen.

1. Touch **Home > Apps > Settings > Bluetooth**.

2. Slide the **Bluetooth** switch **ON**, touch **Bluetooth**
3. Touch **Options > Rename phone**.
4. Edit the name and touch **Rename**.

Pair with a Bluetooth Device

1. Touch **Home > Apps > Settings > Bluetooth**.
2. Slide the **Bluetooth** switch **ON**, touch **Bluetooth**
3. Your phone displays available Bluetooth devices in range.
4. Touch the device you want to pair with.

Follow the instructions to complete the pairing. If you're prompted to enter a passcode, try entering 1110 or 1234 or consult the documentation that came with the other device.

Connect to a Bluetooth Device

Once you've paired with a Bluetooth device, you can connect to it manually; for example, to switch devices or to reconnect after it is back in range.

1. Touch **Home > Apps > Settings > Bluetooth** and make sure Bluetooth is turned on.
2. In the list of paired devices, touch a paired but unconnected device.

Disconnect a Bluetooth Device

1. Touch **Home > Apps > Settings > Bluetooth** and make sure Bluetooth is turned on.
2. In the list of paired devices, touch a device to disconnect.
3. Touch **OK** to disconnect it.

Remove Pairing from a Bluetooth Device

Delete a pairing connection with a Bluetooth device. To connect to the device again, you may need to enter or confirm a passcode again.

1. Touch **Home > Apps > Settings > Bluetooth**.
2. In the list of paired devices, touch **Options**
3. Touch **Unpair**.

Connect to your Computer via USB

Connect your phone to a computer using the USB cable supplied to transfer music, pictures, and other files in both directions. Your phone stores these files in internal storage or on a removable microSD card. MAC users will need to download and install the Android File Transfer application.

If you are using USB tethering, you must turn that off before you can use USB transfer between your phone and computer.

Connect Your Phone to a Computer via USB

1. Connect your phone to the PC using the USB cable.
2. Open the Notification panel or follow the on screen pop up to choose the desired connectivity mode:
 - **Charge only:** no PC connectivity will occur
 - **USB Mass Storage:** Connect to your memory card
 - **Install driver:** Opens a virtual CDROM to install the handset drivers for use with PC connectivity.
 - **Connect to PC software,** connect to PC sync software

- **Media device (MTP):** Transfer media files on Windows, or using Android File Transfer on Mac.
- **Camera (PTP):** Transfer photos using camera software, and transfer any files on the computers that don't support MTP.
- **USB tethering:** Share your handset internet connection via the USB port to your PC.

Disconnect Your Phone From the Computer

To disconnect the phone from the computer, simply unplug the USB cable when you're finished.

Share Your Mobile Data Connection via USB

You can access the Internet on your computer via the USB tethering feature of your device. The feature needs data connection on a mobile network and will result in data charges.

1. Connect your phone to your computer with a USB cable.
2. Touch **Home > Apps > Settings > More > USB tethering**
3. Tick the **USB tethering** check box. A new network connection will be created on your computer.
4. To stop sharing your data connection, uncheck **USB tethering** or disconnect the USB cable.

NOTE: You can't access the device or microSD storage while connected in tethering mode.

Share Your Mobile Data via Bluetooth

If your computer supports Bluetooth tethering you can configure your phone to share it's mobile data connection with your computer.

1. Pair your phone with your computer via Bluetooth.
2. Configure your computer to obtain its network connection via Bluetooth. For more information, please see your computer's documentation.
3. Touch **Home > Apps > Settings > More**
4. Tick the **Bluetooth tethering** check box. Your computer is now sharing your phone's data connection.
5. To stop sharing your data connection, uncheck **Bluetooth tethering**.

Share Your Mobile Data as a Wi-Fi Hotspot

Enable the Wi-Fi hotspot feature to share your network data with other devices via Wi-Fi.

NOTE: When the Wi-Fi hotspot feature is enabled, you cannot access the internet via Wi-Fi. You remain connected to the Internet via your mobile data network.

1. Touch **Home > Apps > Settings > Portable hotspot, On.**
2. Touch **Portable hotspot**
3. Select **Configure** to view the SSID, security settings and password for your hotspot.
4. Switch off **Portable hotspot** to stop sharing.

Remove the microSD Card From Your Phone

If you need to remove the microSD card while the phone is on, you should unmount it first.

1. Touch **Home > Apps > Settings > Storage**.
2. Slide down the screen, select **Unmount SD card > OK**

Erase microSD Card

1. Touch **Home > Apps > Settings > Storage**.
2. Slide down the screen and touch **Erase SD card > Erase SD card > Erase everything**.

NOTE: The formatting procedure permanently erases all the data on the microSD card and is not recoverable.

Connect to Virtual Private Networks

Virtual private networks (VPNs) allow you to connect to the resources inside a secured local network. VPNs are commonly deployed by corporations, schools, and other institutions to let people access local network resources when not in the office, or when connected to a wireless network.

Depending on the type of VPN you are using, you may be required to enter your login credentials or install security certificates before you can connect to your VPN. You can get this information from your network administrator.

Lock screen PIN or Passwords must be set before configuring the VPN function.

Add a VPN

1. Touch **Home > Apps > Settings > More > VPN**.
2. Touch **Add VPN profile** and fill in the information provided by your network administrator.
3. Touch **Save** - The VPN is added to the list on the VPN screen.

Connect to a VPN

1. Touch **Home > Apps > Settings > More > VPN**.
2. Touch the VPN that you want to connect to.
3. When prompted, enter any requested credentials, and then touch **Connect**

Modify a VPN


1. Touch **Home > Apps > Settings > More > VPN**.
2. Press and hold the VPN that you want to modify.
3. Touch **Edit network** > Touch **Save** when done.

Delete a VPN

1. Touch **Home > Apps > Settings > More > VPN**.
2. Press and hold the VPN > Delete network


Internet Call Settings

To add an Internet calling (SIP) account:

1. Touch **Home** >  > **Options** > **Settings** > **Accounts**.
2. Touch **ADD ACCOUNT**.
3. Follow the instructions from your service provider.
4. Touch **SAVE**.


To configure which calls use Internet calling:

You can configure your phone to place all calls using Internet calling (when you're connected to a Wi-Fi network), just calls to Internet calling addresses, or to ask each time you place a call.

1. Touch **Home** >  > **Options** > **Settings** > **Use Internet calling**.
2. Touch the Internet calling option you want.




To configure your phone to receive Internet calls:



By default, your phone is configured to make Internet calls, but not to receive them. You can configure your phone to listen for Internet calls made to an Internet calling account added to your phone.

1. Touch **Home** >  > **Options** > **Settings** > **Accounts**
2. Tick the **Receive incoming calls** check box. Checking this setting will reduce your battery life.

People




Add contacts to your phone and synchronise them with your Google account or other accounts that support contact syncing.

To see your contacts, touch **Home** > . From there, touch the tabs on the top of the screen to quickly switch to contact groups  or favourites .

1. Touch **Home** >  and touch the all contacts tab  to access your contact list.
2. Scroll through the list to view all your contacts.
3. Touch a contact to view its details.



TIP: If you have a lot of contacts stored, you'll see a slider when you touch the right side of the screen. To go directly to a letter, press and hold the slider and drag it to a letter.

Adding a New Contact

1. Touch **Home** >  and touch the all contacts tab .
2. Touch  to add a new contact.
3. Touch the account field on the top of the screen to choose where to save the contact. If a sync account is selected, the contacts will be synced automatically with your account online.
4. Enter the contact name, phone numbers, email addresses, and other information.
5. Touch **DONE** to save the contact.

Setting Up Your Own Profile

You can create your own name card in your phone.



1. Touch **Home** >  and touch the all contacts tab .
2. Scroll to the top of the screen and touch **Set up my profile**.
3. Edit your profile information and touch **DONE**.

Import, Export, and Share Contacts


You can import/export contacts from/to your SIM or microSD card. This is useful when transferring contacts between different devices.

Import your SIM card Contacts to add more features such as dedicated Ringtone, Photos etc.



Import Contacts From the SIM Card

1. Touch **Home** >  > **Options**
2. Touch **Import/export** > **Import from SIM card**.
3. (If you have an account, Select the save account)
4. Touch to select the contacts to import and then touch .


Import Contacts From the microSD Card

1. Touch **Home** >  > **Options**
2. Touch **Import/export** > **Import from SD card**.
3. Select an account to save the contacts.
4. Select the vCard file(s) in the microSD card and touch **OK**.




Export Contacts to the SIM Card

1. Touch **Home** >  > **Options**
2. Touch **Import/export** > **Export to SIM card**.
3. Touch to select the contacts and then touch .

Export Contacts to the microSD Card




1. Touch **Home** >  > **Options**
1. Touch **Import/export** > **Export to SD card**.
2. The phone will prompt you with the name of the vCard file.
Touch **OK** to create the file in the microSD card.

Share Contacts

1. Touch **Home** > , touch the all contacts tab .
2. Touch **Options** > **Select item(s)**.
3. Touch to select the contacts you want to share and then touch .
4. Choose to share the contacts via **Bluetooth**, **Email**, **Gmail**, **Messaging** or WiFi Direct.

Add a Contact to Favourites




You can add the contacts used frequently to Favourites, so you can find them quickly.

1. Touch **Home** >  and touch the all contacts tab .
2. Touch a contact and then touch  to add to favourites.





Remove a Contact From Favourites

1. Touch **Home** >  > touch the favourites tab .
2. Touch a favourite contact and then touch .



Using Groups

1. Touch **Home** >  and touch the contact groups tab .
2. Touch  to create a new group.
3. Touch the account field on the top of the screen to choose an account for the group.
4. Enter the group name and touch **DONE**.



Add Members to a Group

1. Touch **Home** >  and touch the contact groups tab .
2. Touch a group and then touch .
3. Touch to select the contacts to add as group members.
4. Touch .



Delete a Group

1. Touch **Home** >  > touch the contact groups tab .
2. Touch a group and then touch **Options** > **Disband group**.
3. Touch **OK** to disband the group. The contacts in the group will not be deleted.


Edit a Group

1. Touch **Home** >  > touch the contact groups tab .
2. Touch a group and then touch **Options**.
3. Touch **Rename group** to edit the group name. Or touch **Select item(s)** to select the members you don't need and remove them.


Searching for a Contact

1. Touch **Home** > .
2. Touch  on the bottom of the screen.
3. Input the contact name to search. The contacts matched will be listed.


Edit Contact Details

1. Touch **Home** > .
2. Touch a contact to edit and then touch **Options** > **Edit**.
3. Edit the contact and touch **DONE** when finished


Set a Ringtone for a Contact

1. Touch **Home** > .
2. Touch a contact to set a ringtone and then touch **Options** > **Set ringtone** (Contact must be saved on the phone)
3. Select a ringtone and touch **OK**.

Delete a Contact

1. Touch **Home** > .
2. Touch a contact to delete and touch **Options** > **Delete**.
3. Touch **OK** to confirm.

To delete several contacts:


1. Touch **Options** > **Select item(s)** in the all contacts screen.
2. Touch to select the contacts to remove and then touch .
3. Touch **OK** to confirm.

Join Contacts

Your phone can synchronise with multiple accounts containing your contact information (such as Google, Microsoft Exchange ActiveSync, Facebook and Twitter). When you synchronise your phone with those accounts, each account adds a separate contact entry in the Contacts list.

The Join and Separate feature is only available in the menu after synchronising multiple contact sources. If you are only using SIM or Phone Contacts this option is not available.


You can merge all the separate information of multiple accounts into one record in the Contacts list.

1. Touch **Home** > .
2. Touch a contact to set as the prime contact. This is the contact you will see in the list after the joining.
3. Touch **Options** > **Join**. The phone will list the suggested contacts to join.
4. Touch the contact whose information you want to join with the first contact.

The information from the second contact is added to the first contact, and the second contact is no longer displayed in the Contacts list.

Separate Contact Information

If contact information from different sources was joined in error, you can separate the information back into individual contacts on your phone.

1. Touch **Home** > .
2. Touch a contact you want to separate, to view its details.
3. Touch **Options** > **Edit** > **Options** > **Separate**.
4. Touch **OK** to confirm.

The contact information is separated into individual contacts in the list of contacts.

Using the Drive Mode App

The Drive Mode application supports voice commands for Calling, Navigation, Weather and Music. It also has a safe mode which will ignore all incoming calls and SMS messages so you are not disturbed while driving.

1. **Home > Apps > Drive Mode**
2. The first time you open the App there are three demo screens. Swipe to view each one before starting.
3. Once you start the app it will stay powered on and illuminated.
 - Follow the instructions to wake up your device. You need to say the wake up phrase each time you want to issue a command. The handset will respond, wait for the pip before speaking the command:
 - Say “Call John” to initiate a call. The call is made in loudspeaker (hands free) mode.
 - Say “Weather” to access local weather reports
 - Say “Navigation” to open the Google Maps app
 - Say “Safe Mode” to enable safe mode which will ignore incoming calls and messages.
 - Touch the information icon for more suggestions.

Accounts

You can add multiple Google accounts and Microsoft Exchange ActiveSync accounts. You may also add other kinds of accounts, depending on the apps installed on your device.

Add an Account

1. **Home > Apps > Settings > + Add Account**
2. Touch the type of account you want to add.
3. Follow the onscreen steps to enter the required information. Most accounts require a username and password, but the details may vary. You may also need to obtain some information from your IT support or system administrator.

When the account is successfully added, it is displayed in the **Accounts** list.


Remove an Account

Removing an account will delete it and all information associated with it from your device, such as emails and contacts.

1. **Home > Apps > Settings > Accounts**
2. Touch the account.
3. Touch **Options > Remove account**

Configuring Account Sync

1. **Home > Apps > Settings > Accounts >** Touch the account

The account sync status is displayed.  turns green if automatic sync is enabled and grey when disabled.

Sync Manually

1. **Home > Apps > Settings > Accounts**
2. Touch the account you want to sync.
3. Touch **Options > Sync now**.

Change an Account's Sync Settings

1. **Home > Apps > Settings > Accounts**
2. Touch the account you want to change. The Sync settings screen appears, showing a list of information the account can sync.
3. Check or uncheck items as required. Checked items will be kept in sync when auto-sync is turned on.

Email

Home > Apps > Email.

Use it to read and send emails from services other than Gmail.

Set Up the First Email Account

1. When you open **Email** for the first time, enter your email address and password and then touch **Next**.

NOTE: Your device will connect to the Internet and verify incoming and outgoing server settings before proceeding to the next step. If the email service provider is not recognised you need to enter the incoming and outgoing server settings. Please contact your email service provider for more information or go to Play Store and download your email provider's application.


2. Set the email checking frequency, download options, account name and other settings. Touch **Next** when you finish.

Your phone will open the inbox and start to download emails.

TIP: Touch **Options > Account settings** and touch **ADD ACCOUNT** at the top right to add additional email accounts.

Checking Your Emails


Your device can automatically check for new emails at the interval you set when setting up the account.

You can also check new emails manually by touching  in any of the email account's boxes. Touch **Load more messages** at the bottom of the email list to download earlier messages.

Delete, Reply, Forward or Move Emails


1. Open the email, touch the required icon:




2. Edit your message and touch  to send when done.

Mark an Email as Unread




You can return a read email to the unread state—for example, to remind yourself to read it again later. You can also mark a batch of emails as unread.

- While reading a message, touch **Options > Mark as unread**.
- While in a message list (for instance, the inbox), touch the checkboxes before the messages and then touch .

Delete multiple Emails

From the inbox select multiple messages using the check boxes, then touch  > **OK**.

Writing and Sending an Email

1. Open your email Inbox.
2. Touch  to open the compose screen.
3. If you have more than one email accounts added on the device, touch the sender line to select the account you want to use for sending the message.
4. Enter a contact name or email address in the 'To' field. Separate each recipient with a comma. You can also touch  to select recipients from your contacts.
5. Enter the email subject and compose the email text.
6. Touch **Options > Attach file** to add audio files, images, videos and other types of files as attachment.
7. Touch  at the top right of the screen to send the message.

Edit an Email Account

You can change a number of settings for an account, including how often you check for email, how you're notified of new mails, and details about the servers the account uses to send and receive mails.

1. Open **Email** to get the Inbox screen.
2. Touch **Options > Settings** and touch the account whose settings you want to change.
3. Apply any changes and touch the **Back Key** when finished.

Add a Signature to your Emails

You can set a plain text signature for every outgoing email message, such as your name and contact information.

1. Open the **Email** app.
2. Touch **Options > Settings** > select the account
3. Touch **Signature** and enter the text.
4. Touch **OK**.

Add another Email Account

You can add more email accounts and manage each separately.

1. Open **Email** to get the Inbox screen.
2. Touch **Options > Settings** and touch **ADD ACCOUNT** at the top right of the screen.
3. Set up the account as you have done previously.

Remove an Email Account

1. Open **Email** to get the Inbox screen
2. Touch **Options > Settings** and select the account
3. Touch **Remove account > OK**.

Changing General Email Settings

General settings apply to all email accounts.

1. Open **Email** to get the Inbox screen.
2. Touch **Options > Settings > General**
3. Apply any changes and touch the **Back Key** when finished.


Gmail™

After you sign in to your Google account on the device, you can send and retrieve Gmail messages with the **Gmail** app.

Open Your Gmail Inbox

Home > Apps > Gmail. The Inbox screen appears.

If you haven't signed in, you will be prompted to do so or create a new account.


Touch  at the bottom right of the screen to refresh your Inbox and download new messages.

Switching Accounts


Gmail displays conversations, messages, and settings from one Google account at a time. If you have signed in to more than one Google account on your device, you can switch accounts and view information in each account.

1. From your Inbox, touch the current account at the top of the screen.
2. From the drop-down menu, touch the account you want to see. The account's Inbox will open.

Writing and Sending a Message

1. Open your Gmail Inbox and switch to the account you want to use for sending the message.
2. Touch .
3. Enter a contact name or email address in the 'To' field.

Separate each recipient with a comma.

4. Enter the email subject and compose the email text.
5. Touch **Options** > **Attach file** to add an attachment.
6. Touch  at the top right to send the message.




Adding a Signature to Your Gmail Messaging


You can set a few lines of plain text as signature for every outgoing Gmail message. The signature you set on the device is independent of the signature you use for Gmail on the web.

1. Open the **Gmail** app.
2. Touch **Options** > **Settings** and select the account you want to add signature to.
3. Touch **Signature** and enter the text.
4. Touch **OK**. Tap back as required to return to previous menus.

Reply or Forward a Message

1. Open the Gmail message you want to reply to or forward.
2. Do the following as required

To...	
Reply	touch 
Reply to all	touch  > Reply all
Forward the message,	touch  > Forward

3. Enter your message and touch the send icon 

Working With Received Attachments

When a message has an attachment, Gmail displays information about that attachment at the top of the message.


Depending on the attachment type, the applications installed on your device as well as your settings, you may preview, view, play, save the attachment, or check information about the attachment.

TIP: For documents with multiple pages, touching the **Preview** option will only download the pages you view, whereas touching **View**, **Play**, or **Save** will download the entire file and taking more time and data.

Search your Messages

You can search for messages using words that appear in addresses, subjects, labels, or contents.

NOTE: If you search while the phone doesn't have an active Internet connection, only messages synchronised onto your device can be searched.

1. Open the **Gmail** app and touch  or the **Search Key**.
2. Enter the words to search for and touch **Search** or the search icon on the screen keyboard.

As you type, suggestions may appear below the search field. You can touch a suggestion to search for it right away, or touch the arrow next to it to add its text to the search field.

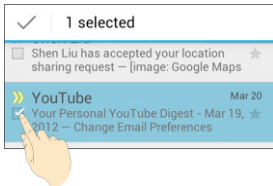
3. In the search results, touch the message you are looking for.


Working With Labels

Message labels include both labels you create and default labels such as **Sent**, **Starred**, and **Outbox**. You can organise your emails by labelling them or adding stars to them. Labels also help you sort your messages, just like folders.


To label or change labels:

1. Open the **Gmail** app and touch the checkbox as shown:




2. Touch the label icon  at the bottom of the screen.
3. Check or uncheck labels in the new screen and touch **OK**.

To add stars to messages:

1. Open the **Gmail** app and touch the checkbox on the message
2. At the bottom of the screen, touch Options  > **Add star**.

To view messages by label:

1. Open the Gmail app and touch the label icon 
2. Touch the required label to view messages with that label.

TIP: You can also touch the name of your account at the top of the screen. Then touch one of the labels listed in **RECENT**.

Changing Gmail Settings

Touch **Options > Settings** in any Gmail screen to change **General settings**, which apply to all Gmail accounts, or other settings that only apply to specific accounts.

Calendar

Calendar on the phone works with the web-based Google Calendar service for creating and managing events, meetings, and appointments. It also works with the Microsoft Exchange ActiveSync calendar once you sign into your Exchange account on the phone.

Touch  in the Home Screen and select **Calendar**.

Viewing Your Calendars and Events

Change Calendars

1. Open the **Calendar** app.
2. Touch **Options > Calendars** to display.
3. In the new screen, touch the calendars to check the calendars you want to see or uncheck the calendars you'd like to hide.

Events from hidden calendars are not shown in the Calendar app.

Change Calendar Views

Touch icons at the bottom for Month, Week, Day, and Agenda. From Month view touch any day to jump to that day's events.

TIPS:

- In Month view, swipe vertically to see earlier months and later months.
- In Week or Day view, swipe horizontally to see earlier weeks/days and later weeks/days.
- Touch Today at the top to quickly return to today.

View Event Details

In Agenda, Day, or Week view, touch an event to view its details. In Month view, touch a day to switch to Day view. Then touch an event to view its details.




Create an Event

1. In any Calendar view, touch **New event** to create a new entry. You can also touch the Day to add an event to that time spot, touch again to add the event details
2. Enter a name, location, duration, and other additional details about the event.

NOTE: If you have more than one calendar, you can choose the calendar to which to add the event by touching the current calendar above the **Event name** box.

3. Touch **DONE** at the top of the screen to save the new event.

Edit, Delete or Share a Calendar Event

1. Find and touch the event to edit, delete or share.
2. Touch  to edit the details
3. Touch  to delete the event
4. Touch  to share the event

Changing Calendar Settings

To change Calendar settings, open a Calendar view (Day, Week, Month, or Agenda) then touch **Options > Settings**.


You can change **General settings**, which apply to all accounts, or other settings that only apply to specific accounts.

Google Talk

Talk is Google's instant messaging service. You can use it to communicate in real time with other people who also use Talk, on a phone, on the web, or with a desktop application.


Sign in to see your friends

You must sign in to your Google account before you can use Google Talk.

Touch  in the Home Screen and select **Talk**. The first time you launch **Talk**, touch the account to sign in. Your friends list is then displayed.

NOTE: You remain signed in to Google Talk until you explicitly sign out, go to your friends list and touch **Options > Sign out**.

Adding a Friend

1. In the friends list, touch  at the top right of the screen.
2. Enter your friend's address and touch **DONE**.




Your friend's address in Google Talk is a Gmail or other email address that is configured to connect to Google Talk.

NOTE: If other people try to add you as a friend, you receive a notification in the status bar and the invitation appears in your friends list. Touch the invitation to **Accept**, **Decline**, or **Block**.

Changing Your Online Status

1. Touch your own entry at the top of your friends list.
2. In the screen that opens, touch your current status to change it (or to sign out of **Talk**).
3. Enter a status message or if you already have one, edit it.
In addition to the standard status settings, you can also touch **Change to a recently-used status** to select a message that you've entered previously.
4. Touch the **Back Key** to return to your friends list.

Chatting With Friends

1. Touch a friend in your friends list to open a chat.
2. Enter your message and touch . You can also touch  or  to initiate a video or voice chat if the friend is online.

Switch Between Active Chats

If you have more than one active chat you can switch between chats as follows:

- Touch the **Back Key** to return from one chat to the friends list. Then touch the other friend you want to chat with.
- While you are in one chat screen with a friend, swipe left or right to switch to the chat screen with the other friend.

Use Group Chat

1. On a chat screen, touch **Options > Add to chat**.
2. Touch the name of the friend to invite.

The friend you invited and the current participants receive an invitation to a group chat. Each one who accepts the invitation joins the group chat. In a group chat, everyone can see everyone else's messages. Group chats appear at the top of your friends list, with a group chat icon.

End the Chat

From the chat screen touch **Options > End chat**.


Touch **Options > End all chats** from the friends list to end all chats.

Changing Google Talk Settings

On any chat screen or friends list, touch **Options > Settings** to change Google Talk settings for your account.

Google+

Google+ is a social networking service offered by Google. The Google+ application on your device enables you to manage your data, chat with online contacts, organise them in different circles, and share your selected information.

Touch  in the Home Screen and select **Google+**. The first time you open the Google+ app, select the instant upload and contact sync options.

Organising Your Contacts




1. Open the **Google+** app.
2. Touch the **g+** icon at the top to see the menu.
3. Touch Find People
4. Touch Add next to a suggested person.

Getting Updates

1. Open the **Google+** app.
2. Touch the drop down box at the top to choose groups :
 - ▶ All Circles
 - ▶ What's hot shows popular posts on Google+.
 - ▶ Friends
 - ▶ Family
 - ▶ Acquaintances
 - ▶ Following
 - ▶ Nearby

Chatting With Contacts

You can chat with your Google+ contacts through instant messaging, similar to sending a text with the **Messaging** app.

1. Touch the **g+** icon > **Messenger** or select from Apps > **Messenger**.
2. Touch  to create a new message.
3. Touch  to add recipients, they can be contacts or circles.
4. Enter the message.
5. Touch  to send the message.

Checking Photos

You can see your own photo albums and those shared by other users.



Touch **Photos** in the **Google+** app to see all available albums.

Checking and Managing Your Profile

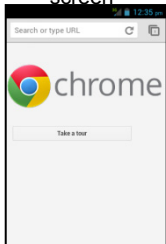
1. Touch **Profile** in the **Google+** app.
2. Swipe left or right to see your posts, personal info, and photos.
 - ▶ Touch the **ABOUT** tab and you can change your profile photo.
 - ▶ Touch the **PHOTOS** tab and open a photo. You can add comments to it, delete it, or set it as your profile photo.

Using the Chrome Browser

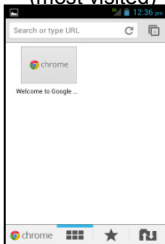
The browser also opens when you touch a web link - for example, in an email or a text message.

1. Select the Chrome icon  from the Home Screen
2. Tap the address bar to enter web addresses using the keypad
3. Tap the New tab icon  to open a new tab
4. Tap Options > Bookmarks to select an item from your Bookmarks or Most visited tabs.

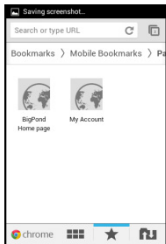
Chrome welcome screen



Blank new page (most visited)



Bookmarks tab

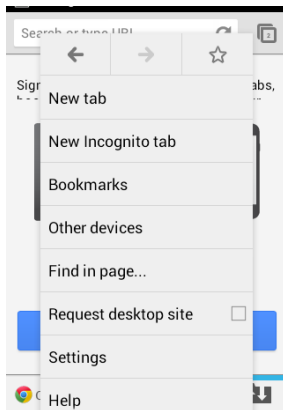


TIP

Press Options > New incognito tab to open private browsing.

Browser Settings

Press Options to access your browser Settings:



Other devices	Sync your Chrome searches across multiple devices
Find in page	Search the current page
Request desktop site	Request a full size version of the page
Settings	View Chrome settings
Help	Access the Chrome Help guide on line.



Google Location Services

Switch location services on to use **Navigation**, **Places**, **Latitude**, and **Google Maps**.

1. Touch **Home > Apps > Settings > Location services**
2. Select the location options you want to use.



Check **Google's location service** to use Wi-Fi and mobile networks to determine your approximate location; check **GPS satellites** to use GPS satellites to determine your location.


Find Your Location

1. Touch  in the Home Screen and select **Maps**.
2. Touch  at the top right.

The map centres on a blue blinking dot that indicates your location.

Search for a Location



1. Touch  in the Home Screen and select **Maps**.
2. Touch  at the bottom or touch the **Search Key**.
3. Enter details in the search box at the top. You can enter an address, a city, or a type of business or establishment, for example, "museums in Wellington."
4. Previous search suggestions and popular searches appear in a list below the search box. You can touch a suggestion to search for it.

TIP: Touch  to use voice search.

5. Touch the search icon on the keyboard. Markers with letter labels indicating search results appear on the map.
6. Touch a marker to open a balloon that contains a label with summary information about the location.
7. Touch the balloon to open more information, as well as options for obtaining directions and on line content.


Get Directions to your Destination

Maps provide directions for travel by foot, public transport, or car.

1. Touch  in the Home Screen and select **Maps**.
2. Touch  at the bottom.
3. Enter a start and end point and select the mode of transportation (car, public transit, or walking). If you have enabled My Location, this will appear in the start point field by default.
4. Touch **GET DIRECTIONS**. The directions to your destination are marked on the map. Touch the left or right arrow to see the direction step by step. You can also touch **DIRECTIONS LIST** to see your route displayed in a list.

Search Local Places

Google Local helps you find businesses and establishments around you. You can rate these places and get recommendations

1. Touch  in the Home Screen and select **Local**. Or from the **Maps** app, touch the top left of the screen and select **Local**.
2. Your location, when found, is shown at the top.

3. Select a place category to search

You can also use the  button at the top to search.


NOTE: Touch **Options > Add a search** to add new place categories.

4. Tap a result to check out the details and reviews. You can also see the place on **Maps**, find out how to get there, give that place a call, add your rating and more.



Sharing Location

Google Latitude lets you and your friends view each others' locations and share status messages with each other.



While using **Maps**, touch the top left of the screen and select **Join Latitude**.

After joining you can touch the top left of the screen in **Maps** and select **Latitude** or touch  > **Latitude** from the Home Screen to see your status as well as that of your selected friends.


In **Latitude**, you can do the following operations.

- Touch  to refresh
- Touch **MAP VIEW** to see friends on **Maps**. You can touch the left/right arrow to switch between each friends and yourself.
- Touch  to add new friends to Latitude from contacts, via email addresses, or from suggested friends.
- Touch **Options** to show or hide friends.
- Touch **Options > Location Settings** to change Latitude settings or sign out of Latitude service.

Searching With Text

1. Start the **Search** app in one of the following ways.
 - Touch  in the Home Screen and select **Search**.
 - Touch the Google Search box at the top of the Home Screen.
 - Touch the **Search Key** in certain apps to search for related information.
2. Enter the terms you want to search for and touch , or touch a search suggestion.

Searching by Speaking

1. Touch the microphone icon to the right of the search box .
2. Your speech is analysed and the search is initiated.

If Google Search didn't quite understand what you said, you are presented with a list of similar-sounding terms. Touch the correct term to start the search.


Change Search and Voice Search Settings

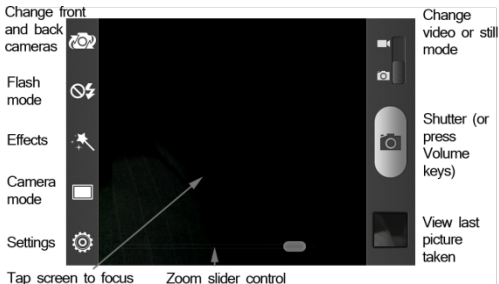
Touch the Google Search box on the home page, touch **Options > Settings** to set Searchable items.

Using the Camera

You can take photos and record videos. Photos and videos are stored to the phone's memory card or the phone's internal storage. You can copy them to your computer or access them in the **Gallery** app.

Capture a Photo

1. Touch  from the Home Screen and select **Camera**.
2. Aim the camera at the scene and make any necessary adjustment.
3. You can press the shutter or the volume keys to take the shot.



4. Touch the shutter button or press the Volume Up or Volume Down Key to take the picture.

Camera Settings

Scene mode	Set auto or night setting
Grid	Show a composition grid on the display
Shutter tones	Select different shutter sounds
Picture size	Change the image resolution size
Face	Enable blink detection, which will delay the shot if detected
Image	Manually change the Exposure, Brightness, Contrast, Saturation, and Sharpness.
White Balance	Set white balance parameters for various lighting conditions
ISO	Change the ISO settings
Review Time	Set if you wish to review the last shot taken
Geo-tag	Apply location tagging to the photo
Restore Defaults	Restore default camera settings

Camera control icons




Camera Mode*

Normal	Normal camera setting
Panorama	Compose a panorama shot using multiple images
Timing mode	Set a 2, 5 or 10 second self timer for auto shutter. Touch the screen to change the timer.
Rapid Capture	Capture a series of shots in rapid succession
Smile Detection	Take a shot automatically when a smile is detected in the frame
Effects*	Apply effects Monochrome, Sepia or Negative
Flash Mode*	Set the flash mode On, Off or Auto
Switch camera	Switch between the front or rear cameras.

*** Note:**

Camera mode, effects and flash settings are only available on the main camera (rear).

Recording a Video

1. Touch  in the Home Screen and select **Camera**
2. Select **Video mode** on the camera / video switch
3. Touch the video icon to start / stop recording
4. Touch the Volume keys to zoom in and out

Video Settings

Video Quality	720P, 480P, VGA, QVGA, QCIF
Time lapse	Take periodic shots at intervals from 1 to 10 seconds.
White Balance	Select white balance options for various lighting conditions.
Geo-tag	Apply location tagging to the video
Restore Defaults	Restore default camera settings.
Switch camera	Change between the front and back cameras

Video Control Icons


Settings

Lighting mode

Switch camera

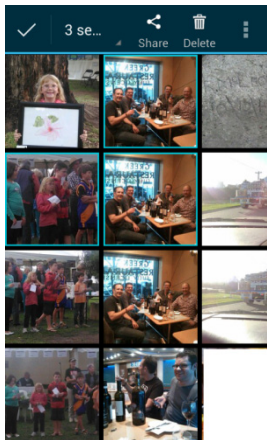


Gallery

Touch  in the Home Screen and select **Gallery** to view your pictures and videos.

Touch an individual picture to view it, delete, edit, share, or set as wallpaper, or Contact.

Press and hold the photo to select multiple shots to share or delete.

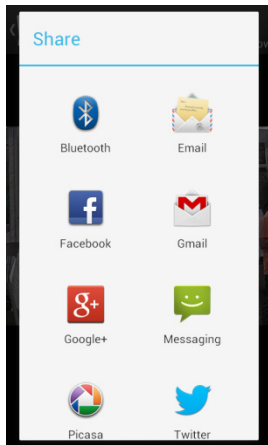


Double tap or pinch out on a photo to zoom.



Touch options to select multiple shots or to sort by date or location.

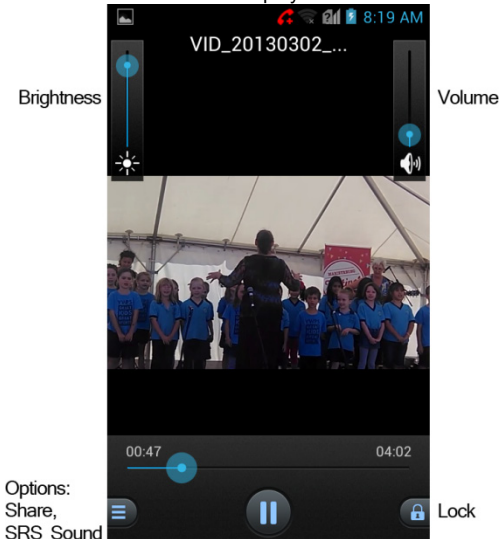


Share options:



Play and Share Videos

1. Open the gallery, videos are shown by the play icon 
2. Press and hold to share , or delete the video
3. Touch the video to start playing.
4. Touch the screen to view the playback and other controls:



Music

(Note there are two music players, Music and Play Music)


Copying Music Files to Your Phone

Before using Music or Play Music, you need to copy audio files from your computer to your phone. See [Connecting to Your Computer via USB](#) for details on establishing the connection.

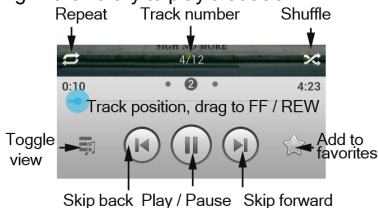
Use the computer to copy music and other audio files onto the memory card.

TIP: If an album has accompanying artwork in JPEG format, rename the artwork file *albumart.jpg* and include it with the album songs in the same folder. The device will recognise the image as the album artwork and display it in the Music app.


Use the Music app

Touch  in the Home Screen and select **Music** to view your music library. Touch the tabs at the top of the screen to view by **Albums**, **Artists**, **Songs**, **Top 10**, **Playlists**, **Folders**, or **Genre**.

Touch a song in the library to play that track:



Create a Playlist


1. From the Song tab view, touch **Options**  > **Add to playlist**
2. Touch **New**.
3. Type the playlist name and touch **Save**.

The playlist is created and the song you selected is added to the playlist. Use the same method to add Artists or Albums to a playlist from the Artists or Albums tabs.

Add a Song to a Playlist

1. Long press on the song
2. In the menu that opens, touch **Add to playlist**.
3. Touch the name of the playlist you want the song added to.

Remove a Song From a Playlist


1. Touch the **Playlists** tab in the library then select the Playlist
2. Touch the Options button  on the song > Remove from playlist.
3. If you chose **Delete**, the song will be deleted from your library


Play, Delete or Rename a Playlist

1. Touch the **Playlists** tab in the music library to see all the playlists.
2. Long press on a playlist and touch **Play**, **Rename** or **Delete** in the menu that opens.

NOTE: These options may not be available for certain automatically created playlists, such as **Recently added**.

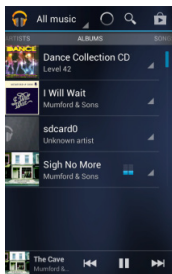
Google 'Play Music'

The **Play Music**  application works with Google's online music store and streaming service.

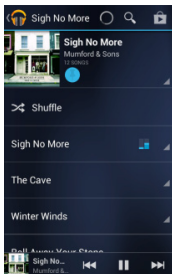
Touch  in the Home Screen and select **Play Music**. If you are prompted, select an account to access its online music library.

The app searches your online library and your device for music and playlists before displaying your combined music library, organised by **Playlists, Recent, Artists, Albums, Songs, Genres**. Swipe left or right when holding the device upright, or touch the view name at the top left of the screen when holding the device on its side.

Album View



Track View



Player View




Basic controls are also available when you are not in the player screen.

- In other apps, flick down the notification panel. Touch the song title to restore the playback screen, or just pause/resume playback or skip to the next/previous song.
- When the screen is locked, the playback controls and summary info is displayed on top of the screen.


Managing Playlists

Create playlists to organise your music files into sets of songs, so that you can play the songs you like in the order you prefer.


To create a playlist or add a song to a playlist:

Press and hold the song or touch  to the right of the song, select **Add to playlist**.

To remove songs from a playlist:

1. Open the playlist in the **Playlists** tab of the music library.
2. Press and hold the song or touch  to the right of the song, select **Remove from playlist**.


To Play, Rename or Delete a playlist:

1. Swipe to the **Playlists** tab in the music library to see all the playlists.
2. Press and hold a playlist or touch  next to the playlist.
3. Touch **Add to queue**, **Rename** or **Delete**

FM Radio


Use the FM radio to search and listen to your favourite FM stations. Insert the 3.5mm headset which acts as the antenna. If you receive an incoming call while listening to the radio, the radio will be suspended during the call.

Scanning and Saving Channels

1. Touch  in the Home Screen and select **FM Radio**.
2. Touch the **Options > Scan & save all channels**. All previously saved favourite channels will be removed.


The favourite channels are displayed at the bottom of the screen. Swipe left or right to see more.

Listening to FM Radio

1. Touch  in the Home Screen and select **FM Radio**.
2. Touch one of the favourite channels at the bottom.
3. Your current favourite is highlighted in red.
4. You can also move the frequency slider to select a particular station or use the scan up and down arrow buttons.

TIP: Touch **Options > Speaker** to listen to the radio programs through the device speaker.

Adding a Radio Station to Favourites

1. Touch  in the Home Screen and select **FM Radio**.
2. Move the frequency slider to the desired channel or scan up

or down with the arrow buttons.

3. Press the + button to add the station to your favourites.
4. Press and hold on the new channel button to rename if required.

Other Options and Settings


To remove a channel from favourites:

1. Press and hold the channel to remove from favourites.
2. Touch **Options > Remove from favourites**.

To turn off FM radio automatically:

Touch the **Options > Sleep Timer** and select the time you want to turn off the radio.

A count-down clock appears above the frequency and the radio is turned off when the clock counts down to 0:00

Touch  at the bottom left of the screen to switch the radio off manually.

To set your radio region:


FM radio frequency ranges differ in different regions.

Touch **Options > World region** to select a different FM frequency range eg for the US.

NOTE: When changing to a new region setting your favourites are cleared but not deleted. Change back to the previous region and your favourites are restored.

Other Apps


Using the Alarm

1. Touch  in the Home Screen and select **Alarm** or touch the analogue clock directly from the Home Screen
2. Touch a default alarm to configure it, or touch **+ Add Alarm** to create a new alarm.
3. Set the time, repeat, alarm tone, label and press More to see the Snooze, Duration, and Volume options.
4. After Saving an alarm touch the bell icon to enable or disable the alarm.
5. Touch **Options > Bed Clock Preferences** to set up bed clock

Enable bed clock	Turn on or off the bed clock function.
Bed clock never sleeps	Keep the bed clock screen turned on when charging the device.

6. Touch **Options > Bed Clock** to open the bed clock.
7. Touch **Back** to return to the Alarm screen.



Backup & Restore

Touch  in the Home Screen and select **Backup & restore**.
Touch **Back up data** or **Back up apps** to back up your device.
Touch **Restore data** or **Restore apps** to restore from previous back ups.

An external memory card (microSD) is required to use this app.


Calculator

Touch  in the Home Screen and select **Calculator**.


TIPS: Touch  or , or swipe left or right to switch between different panels. You can also hold the device on its side to see all calculator buttons.

File Manager

Quickly access all of your images, videos, audio clips, and other types of files on your device and the memory card.


Touch  in the Home Screen and select **File Manager**. Touch the folder name at the top of the screen to switch between the memory card storage and the phone storage.

Kingston Office


Touch  in the Home Screen and select **Kingston Office** to view Word, Excel, Powerpoint, or PDF files.

News and Weather

News & Weather offers weather forecasts and news stories about common topics. You can also customise the news topics that are displayed.

Touch  in the Home Screen and select **News & Weather**. Swipe left or right to view weather forecast and news headlines. Touch Options to refresh news and weather or to change settings.


Notepad


Touch  in the Home Screen and select **Note pad** to save and view text notes.

Touch **+New** to create a new note, enter your text and touch **Save** when done.

Touch a note to view its content, touch Edit, Delete, Share, or Export from the options.


Play Books

Touch  in the Home Screen and select **Play Books** to read ebooks purchased from Play Store.

Touch a book cover displayed in Play Books to start reading it. You can also touch the Play Store icon to buy more books on line or touch  to search by book title or author name.


Select Options > Make available off line if required.

Play Movies


Touch  in the Home Screen and select **Play Movies** to watch movies you rent from Play Store as well as your personal videos stored on the device.

- Touch **Movies** to download movies from Play Store
- Touch **Personal Videos** to display videos taken on your device. Touch a video to play it.


Play Store

Touch  in the Home Screen and select **Play Store**. You can buy or rent music, books, movies, apps, and download them to your device.


Record a Voice Memo with Sound

1. Touch  in the Home Screen and select **Sound recorder**.
2. Touch the red record icon to start recording
3. Touch the stop icon to stop
4. Touch the play icon to replay the last recording
5. Touch My records to review all your recordings

Software Update Service


Touch  in the Home Screen and select **System update**. Check the current status, check for updates, or change settings.

Task Manager

Touch  in the Home Screen and select **Task Manager** to view or stop applications.

- Touch **Close All** to close unwanted apps. Default system apps will continue to run.
- Touch a task to view more details on the app.
- Touch the **Apps** tab to manage all the apps on your device.
- Touch the **Resources** tab to view real-time system resources.

Timer (Countdown and Stopwatch)

Touch  in the Home Screen and select **Timer** to use stopwatch or countdown timer.


Stopwatch allows you to record lap times, while Countdown allows you to set a time and count down to 0.

Touch the field to set the countdown value in HH:MM:SS

Torch

Open the built in torch application from the Apps menu or from the Quick Launch panel when you pull down the top of the screen. If the app is running you can select Shake to activate to switch the torch on or off.

World Time

Touch  in the Home Screen and select **World time** to check local time for cities around the world.

Touch **+** at the bottom to add a new city or country.


Touch multi-select then the check box to delete an item.

YouTube

Touch  in the Home Screen and select **YouTube**.

You can watch YouTube videos or upload your own.

Browsing and Searching for Apps

Touch  in the Home Screen and select **Play Store**. You can buy or rent music, books, movies, apps, and download them to your device.

1. Touch **Download** (free apps) or the price (paid apps) in the app details screen.
2. If the app is not free, you need to sign in to your Google Wallet account and select a payment method.
3. Touch **Accept & download** (free apps) or **Accept & buy** (paid apps) to accept the permissions for the app. Your app will start downloading immediately or once payment is successfully authorised.

Managing Your Downloads

After you've downloaded and installed an app, you can rate it, view it in a list with your other downloaded apps, configure it to update itself automatically, and so on.


View Downloaded Apps

1. On the Apps screen of Play Store, touch the **Options > My Apps** to view Installed and All apps
2. Your list of installed apps opens, you can touch one to rate it, uninstall it, request a refund, and so on.

TIP: Touch the **ALL** tab to view all the apps downloaded previously on the device as well as other Android devices using the same Google account.

Uninstall an app from the Play Store or Settings > Apps

Settings Summary

Touch  in the Home Screen and select **Settings**. The **Settings** app contains most of the tools for customising and configuring your device.

Flight Mode	Switch all radio services on or off
Wi-Fi	Switch Wi-Fi on or off
Bluetooth	Switch Bluetooth on or off
Mobile networks	Check mobile network and data usage settings
Sound	Personalise your ringtones, volumes and vibrate options
Display	Set the display Brightness, Wallpaper, rotation, Sleep, font size and LED notification setting.
Date & time	Set your date & time options, time zone, 24hr clock, and date format.
Language & input	Choose keyboards, default language and spell check settings.
Data usage	View which apps are using your data services
Portable Hotspot	Configure a Wi-Fi hotspot to share your internet connection with other devices
(More) VPN	Configure VPN settings

(More) USB tethering	Share your internet connection via USB
(More) Bluetooth tethering	Share your internet connection via Bluetooth
Storage	View your memory storage usage
Battery	View battery status and what has been consuming your power
Apps	View the storage details for all Apps
Connect to PC	Set the PC connection behaviour
Location services	Configure Location options
Security	Set screenlocks, passwords, and encryption options
Backup & reset	Set your Google back up options
Accounts	View and add accounts
Accessibility	Set Accessibility options
Developer options	View Developer options
About phone	View system status, build and legal information

Troubleshooting

If you encounter problems while using the phone, or if it performs abnormally, you can refer to the chart below. If your particular problem cannot be resolved, contact the dealer where you purchased the phone, search our FAQ's at zte.co.nz

Problem	Possible causes	Possible solution
Poor reception	The network signal is low for example, in a basement or lift.	Move to a location where the network signal is stronger.
	Your are in an area of low coverage.	Check with your service provider for coverage issues.
Some call features are not working	Some features like Call Barring, PIN2 are network dependant	Contact your service provider.
Battery not charging	The charger may be damaged	Try charging from a computer USB port.
	Temperature is below 0°C or above 45°C.	Avoid extremes temperatures.
	Poor contact on USB socket.	Always handle the USB port with care.

Problem	Possible causes	Possible solution
Have to charge the battery too frequently, low battery life.	Battery life is related to network signal strength and applications you are running.	Switch off Wi-Fi, Bluetooth or select Flight mode to conserve power.
	In high-temperature environments battery life will be shortened.	Battery will not charge above 45°C and will discharge quicker in high temperatures.
	Poor service conditions will reduce battery life.	In areas of low coverage it is normal to charge more than once per day.
Cannot switch on	Battery power has been depleted. Phone is locked up	Plug in and leave on charge for 4 hours. Press and hold the power button for 10 seconds to reset.
USIM card error	USIM card malfunction or damage.	Take the USIM card to your service provider.
	USIM card inserted improperly.	Insert the USIM card properly.

Problem	Possible causes	Possible solution
Unable to connect to the network	USIM card invalid.	Contact your service provider.
	No service from your provider.	Check coverage with your service provider.
	Poor signal.	Move to an open space, or if you are inside a building, move closer to a window.
Cannot answer incoming calls	You have activated the Call barring feature.	Go to Dialler > Options > Settings > Call barring settings
PIN Code blocked	You entered the wrong PIN code 3 times.	Contact your service provider to obtain your PUK code.
Device is slow to respond	Android devices can slow down the processor during inactive periods to conserve battery life. 3 rd party apps can affect your system.	Wait for the device to respond. Uninstall apps that you are not using. Use Task Manager > Close all to speed up your system.

General Safety Warnings

	Do not make or receive calls while driving. Do not text while driving.		Do not use your phone at petrol stations.
	Keep your phone at least 15 mm away from your ear when calling.		Your phone may produce bright or flashing lights.
	Small parts may cause a choking.		Don't dispose of your phone in fire.
	Your phone can produce a loud sound.		Avoid strong magnetic fields.
	Keep away from pacemakers and other medical devices.		Avoid extreme temperatures.
	Switch off when asked to in hospitals and medical facilities.		Avoid contact with liquids. Keep your phone dry.
	Switch off when told to in aircrafts and airports.		Don't take your phone apart.
	Switch off when near explosive materials.		Only use approved accessories.
	Don't rely on your phone for emergency communications. Coverage is dependant on external factors.		

Radio Frequency (RF) Exposure

Specific Absorption Rate (SAR)

Your mobile phone is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines, EN50360. These guidelines were developed by the independent scientific organisation ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device is 1.354 W/Kg and is also published on the manufacturer's website at zte.co.nz

The SAR result is measured at the device's highest transmitting power. Normally the actual SAR of this device is below that indicated above because the power level is reduced depending on the network conditions and coverage.

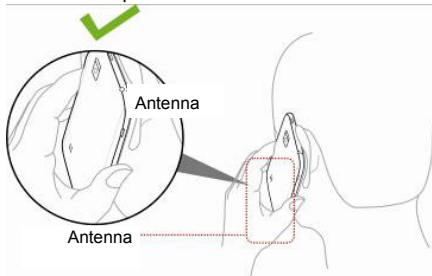
Limiting Exposure to Radio Frequency

Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If individuals are concerned, they can limit their own or their children's RF exposure by limiting the length of calls, or using 'hands-free' devices to keep mobile phones away from the head and body.

Further information on this subject can be obtained from the World Health Organisation at <http://who.int/peh-emf>

Normal Use Position

Wrapping your hand around the whole device can block the antenna which will reduce your coverage, call quality, data rates and battery life. Use a light, open hand grip to prevent blocking the antenna and microphones.



Driving

Full attention must be given to driving at all times in order to reduce the risk of an accident. Using a phone while driving (even with a hands free kit) can cause distraction and lead to an accident. You must comply with local laws and regulations restricting the use of wireless devices while driving.

Air Bags

Do not place a phone in the area over an air bag or in the air bag deployment area as an airbag inflates with great force and serious injury could result.

Store the phone safely before driving your vehicle.

General Statements on Handling and Use

You alone are responsible for how you use your phone and any consequences of its use.

You must always switch off your phone wherever the use of a phone is prohibited. Use of your phone is subject to safety measures designed to protect users and their environment.

- Always treat your phone and its accessories with care.
- Do not expose your phone or its accessories to open flames or lit tobacco products.
- Do not expose your phone or its accessories to liquid, moisture or high humidity.
- Do not drop, throw or try to bend your phone or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.
- Do not paint your phone or its accessories.
- Do not attempt to disassemble your phone or its accessories, only authorised personnel can do so.
- Do not expose your phone or its accessories to extreme temperatures, minimum -5 and maximum + 45 degrees Celsius.
- Please check local regulations for disposal of electronic products.
- Do not carry your phone in your back pocket as it can get damaged when you sit down.

Small Children

Do not leave your phone and its accessories within the reach of small children or allow them to play with it.

They could hurt themselves or others, or could accidentally damage the phone.

Your phone contains small parts and sharp edges may cause an injury or may become detached and create a choking hazard.

If you forget your PIN, Pattern or Password

If you forget your unlock pattern, PIN or password you have to hard reset your device. From the locked idle screen, touch Emergency call, then enter the code *983*987# and follow the instructions. All data is erased.

Demagnetisation

Your handset contains magnets so keep it away from magnetic media such as credit cards and hard drives.

Seizures/Blackouts

The phone can produce a bright or flashing light. A small percentage of people may be susceptible to blackouts or seizures (even if they have never had one before) when exposed to flashing lights or light patterns such as when playing games or watching video. If you have experienced seizures or blackouts or have a family history of such occurrences, please consult a physician.

Repetitive Strain Injuries

To minimise the risk of Repetitive Strain Injury (RSI) when texting or playing games with your phone:

- Do not grip the phone too tightly.
- Press the buttons and screen lightly.
- Use features designed to minimise repeated pressing of buttons such as Message Templates and Predictive Text.
- Take frequent breaks to stretch and relax.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, which cannot guarantee connection in all conditions. Therefore, you must never rely solely on any wireless phone for emergency communications.

Loud Noise

This phone is capable of producing loud noises, which may damage your hearing. Turn down the volume before using headphones, Bluetooth stereo headsets or other audio devices.

Phone Heating

Your phone may become warm during charging and during normal use. The phone will not charge when the battery temperature is above 45°C. Avoid high temperatures.

Accessories

Use only approved accessories.

Do not connect with incompatible products or accessories.

Take care not to touch or allow metal objects, such as coins or key rings, to contact or short-circuit in the battery terminals.

Connection to a Car

Seek professional advice when connecting a phone interface to the vehicle electrical system.

Faulty and Damaged Products

Do not attempt to disassemble the phone or its accessories.

Only qualified personnel can service or repair the phone or its accessories.

If your phone or its accessory has been submerged in water, punctured, or subjected to a severe fall, do not use it until you have taken it to be checked at an authorised service centre.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15 cm be maintained between a mobile phone and a pacemaker to avoid potential interference with the pacemaker. To achieve this, use the phone on the opposite ear to your pacemaker and do not carry it in a breast pocket.

Hearing Aids

People with hearing aids or cochlear implants may experience noise when using wireless devices or when one is nearby.

The level of interference will depend on the type of hearing device and the distance from the interference source, increasing the separation between them may reduce the interference. You may also consult your hearing aid manufacturer to discuss alternatives.

Medical Devices

Please consult your doctor and the device manufacturer to determine if operation of your phone may interfere with the operation of your medical device.

Hospitals

Switch off your wireless device when requested to do so in hospitals, clinics or health care facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

Aircraft

Switch off your wireless device whenever you are instructed to do so by airport or airline staff.

Consult the airline staff about the use of wireless devices on board the aircraft. If your device offers a 'flight mode', this must be enabled prior to boarding an aircraft. Note that programmed alarms and calendar reminders can wake the power the phone up even when switched off.

Interference in Cars

Please note that because of possible interference to electronic equipment, some vehicle manufacturers forbid the use of mobile phones in their vehicles unless a hands-free kit with an external antenna is included in the installation.

Petrol Stations and Explosive Atmospheres

Obey all warning signs in high risk areas such as fuelling areas, below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders, blasting areas, mines, or any other prescribed area.

Technical Specifications

Network	LTE 1800, 2600 MHz. up to 100Mbps data. 3G UMTS 850, 2100 MHz. 42 Mbps data. 2G GSM 900, 1800 MHz
Dimensions	Approx 128.4 x 66.1 x 12.1mm. 160g
Features	Snapdragon 1.2GHz dual core processor with 1GB RAM. Android 4.1 OS. 5.0/0.3MP dual cameras. 800x480px, 4" capacitive touch, daylight viewable display. MMS, Email, Speakerphone, Voice Recorder, 3.5mm audio jack, FM Radio. Accelerometer, Magnetometer, A-GPS. 2.0GB internal user memory, expandable to 32GB microSDHC. IP67 waterproof.
Connectivity	Wi-Fi 802.11 b/g/n Bluetooth 4.0
Battery	2500mA hours, Lithium ion (Li-ion)
Standby time*	Up to 375 hours
Talk time*	Up to 8hrs talk time
Charge time	Approximately 2-3 hours
Battery Life	Approximately 400 charge cycles

Disposal of Your Old Device

Spark has partnered with the Starship Foundation to help turn old mobile phones into essential equipment and services for Starship kids.

Spark supports Starship, the National Children's hospital, by diverting all mobile phones returned to us for recycling to Starship.

Mobile phones of any make and model, regardless of condition can be recycled, and the profits made from refurbishing and reselling these phones will go to Starship.

Phones can be left in recycle bins located in Spark stores and offices nationwide.

More information on the Starship Mobile Phone Appeal can be found here: www.starship.org.nz/phone